\_\_\_\_\_\_

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=9; day=12; hr=13; min=16; sec=32; ms=753; ]

\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*

Reviewer Comments:

<210> 14

<211> 20

<212> RNA

<213> Homo sapiens

<220>

<221> primer\_bind

<222> (1)...(20)

<223> RNA is TNF-beta, ligand is ELAVL1-protein, oligonucleotide

<400> 14

atcacaagtg caaacataaa

20

Since the above <212> response is "RNA," no "t's" are allowed in the sequence. For a combined DNA/RNA sequence, use <212> DNA, and explain the combined sequence in the <220>-<223> section.

## Validated By CRFValidator v 1.0.3

Application No: 10597256 Version No: 1.0

Input Set:

Output Set:

**Started:** 2008-08-13 16:48:13.898 **Finished:** 2008-08-13 16:48:14.460

Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 562 ms

Total Warnings: 0

Total Errors: 3

No. of SeqIDs Defined: 37

Actual SeqID Count: 37

Error code		Error Description			
E	256	't' found in RNA; POS (2) SEQID(14)			
E	256	't' found in RNA; POS (9) SEQID(14)			
E	256	't' found in RNA; POS (17) SEQID(14)			

## SEQUENCE LISTING

```
<110> Manfred Auer
      Joerg Hackermueller
     Markus Jaritz
     Nicole-Claudia Meisner
<120> SCREENING ASSAYS
<130> 33610-US-PCT
<140> 10597256
<141> 2008-08-13
<150> PCT/EP05/001168
<151> 2005-02-04
<150> 60/542315
<151> 2004-02-03
<150> 60/560464
<151> 2004-04-08
<160> 37
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> IL-2 mRNA, ligand ELAVL1-protein, oligonuncleotide
<400> 1
                                                                   20
aaggcctgat atgttttaag
<210> 2
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> IL-2mRNA, ligand ELAVL1-protein, oligonucleotide
<400> 2
                                                                   20
aatataaaat ttaaatattt
```

<210> 3

```
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is IL-2 mRNA, Ligand is ELAVL1-protein,
      oligonucleotide
<400> 3
                                                                     20
tagagcccct agggcttaca
<210> 4
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is IL-2 mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 4
tgaaaccatt ttagagcccc
                                                                     20
<210> 5
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is IL-2 mRNA, ligand is ELVAL1-protein,
      oligonucleotide
<400> 5
                                                                     20
aaggccugau auguuuuaag
<210> 6
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is IL-2 mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 6
                                                                     20
aauauaaaau uuaaauauuu
<210> 7
<211> 20
```

```
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is IL-2 mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 7
                                                                    20
uagagccccu agggcuuaca
<210> 8
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is IL-2 mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 8
ugaaaccauu uuagagcccc
                                                                     20
<210> 9
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is TNF-beta mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 9
                                                                    20
teggeeaget ceaegteeeg
<210> 10
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is TNF-beta mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 10
tctggtagga gacggcgatg
                                                                     20
<210> 11
<211> 20
```

<212> DNA

```
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is TNF-beta mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 11
acggcgatgc ggctgatggt
                                                                    20
<210> 12
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is TNF-beta mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 12
                                                                    20
ttctggaggc cccagtttga
<210> 13
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is TNF-beta mRNA, ligand is ELAVL1-protein,
      oligonucleotide
<400> 13
                                                                    20
attccagatg tcagggatca
<210> 14
<211> 20
<212> RNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> RNA is TNF-beta, ligand is ELAVL1-protein,
      oligonucleotide
<400> 14
atcacaagtg caaacataaa
                                                                     20
<210> 15
<211> 8
<212> RNA
<213> Homo sapiens
```

```
<220>
<221> mRNA
<222> (1)...(8)
<223> Fragment
<400> 15
                                                                     8
uuuuuuu
<210> 16
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> Fragment
<400> 16
                                                                     9
uuuuuuuu
<210> 17
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> Fragment
<400> 17
                                                                     9
auuuauuua
<210> 18
<211> 13
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(13)
<223> Fragment
<400> 18
auuuauuuau uua
                                                                     13
<210> 19
<211> 13
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(13)
```

<223> fragment

<400> 19	
auuuauuuau uua	13
<210> 20	
<211> 13	
<212> RNA	
<213> Homo sapiens	
<220>	
<221> mRNA	
<222> (1)(13)	
<223> Fragment	
<400> 20	
auuuauuuau uua	13
<210> 21	
<211> 13	
<212> RNA	
<213> Homo sapiens	
(000)	
<220>	
<221> mRNA	
<222> (1)(13)	
<223> fragment	
<400> 21	
auuuauuuau uua	13
<210> 22	
<211> 13	
<212> RNA	
<213> Homo sapiens	
<220>	
<221> mRNA	
<222> (1)(13)	
<223> fragment	
<400> 22	
auuuauuuau uua	13
<210> 23	
<211> 9	
<212> RNA	
<213> Homo sapiens	
•	
<220>	
<221> mRNA	
<222> (1)(9)	
<223> fragment	
<400> 23	
uaauuuuuu	9
adduddad	,

```
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 24
                                                                     9
uauauuuuu
<210> 25
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 25
uauuuuauu
<210> 26
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 26
                                                                     9
uauuuuuau
<210> 27
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 27
                                                                     9
uacuuuuuu
<210> 28
<211> 9
<212> RNA
<213> Homo sapiens
```

<220>

```
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 28
                                                                     9
uauuuuuc
<210> 29
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 29
uauuuucuu
<210> 30
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 30
uauuauuuu
                                                                     9
<210> 31
<211> 9
<212> RNA
<213> Homo sapiens
<220>
<221> mRNA
<222> (1)...(9)
<223> fragment
<400> 31
aauuuauuu
<210> 32
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<221> primer_bind
<222> (1)...(20)
<223> openers targeting HuR binding site within the IL-2
      3'UTR
```

<400>	32			
aatata	aaaat ttaaatattt	20		
<210>				
<211>				
<212>				
<213/	Homo sapiens			
<220>				
	primer_bind			
	(1)(20)			
<223>	opener targeting HuR binding sites within the IL-2			
	3'UTR			
<400>	33			
tagago	cccct agggcttaca	20		
<210>	34			
<211>				
<212>				
<213>	Homo sapiens			
<220>				
	<pre>primer_bind (1)(20)</pre>			
	openers targeting HuR binding sites within the			
\223/	IL-2 3'UTR			
	1L-2 3 01K			
<400>	34			
agtgggaagc acttaattac 20				
<210>	35			
<211>	20			
<212>	DNA			
<213>	Homo sapiens			
<220>				
<221>	primer_bind			
<222>	(1)(20)			
<223>	openers targeting HuR binding sites with the IL-2			
	3'UTR			
. 100				
<400>		0.0		
cataat	taata aatattttgg	20		
<210>	36			
<211>				
<211>				
	Homo sapiens			
	r			
<220>				
	primer_bind			
	(1)(54)			
	IL-2 Specific primers			
<400>	36			

tcaccaggat gctcacattt aagttggagt ttgagttctt cttctagaca ctga 54

```
<210> 37
<211> 49
<212> DNA
<213> Homo sapiens

<220>
<221> primer_bind
<222> (1)...(49)
<223> IL-2 specific primers

<400> 37
tttgagacca gcaagtacta tgtgacttca gcctgagatg tccctgtaa 49
```